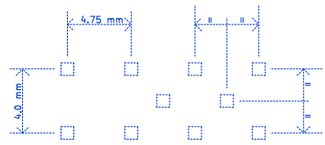
The 10-pin custom socket is not on a 0.1" grid.

The adaptor is made on a PCB using 16 mm long POGO pins.

This diagram shows the recomended spacing.



Use this adaptor with any SPI programmer – eg USBASP, STK500, or PortaProg.

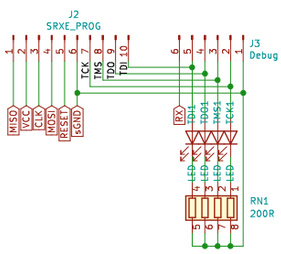
Designed for reprogramming the SMART Response XE device
using the hole pattern found in the upper left of the battery compartment.

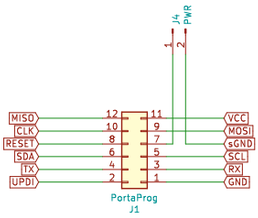
A custom footprint for the 10-pin SRXE connector is included with the project.

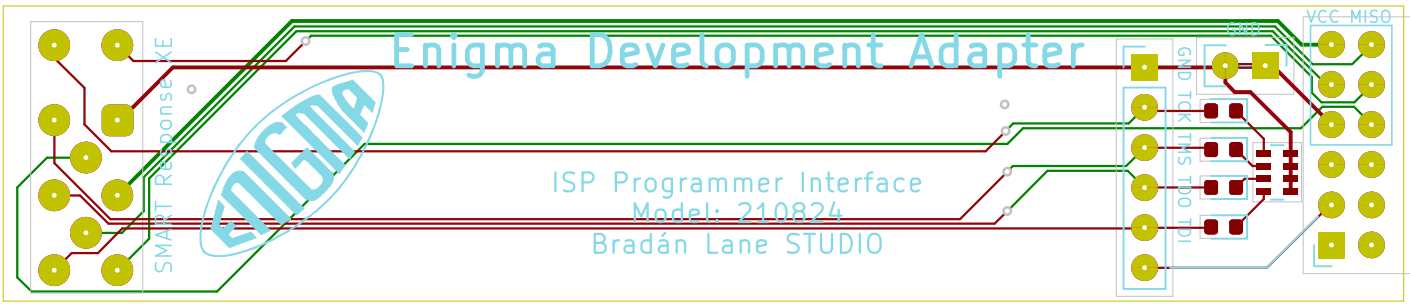
The J4 jumper is for connecting a current measuring device.
The pins must be shorted when not in use.

The 10-pin connector uses 6 pins for the SPI programming interface.
The 4 remaining pins have LEDs to simplify firmware development by providing status.
The pin marked TDI is used by the SRXEcore library for bitbang UART output.

The first 6 pins of J1 correspond to the SPI layout.
The remaining pins of J1 correspond to the PortaProg layout and may be ignored.






Enigma Development Adapter
ISP Programmer Interface
Model: 210824
Bradán Lane STUDIO
SMART RESPONSE XE
ENIGMA
RST
VCC MISO
GND TCK TMS TDO TDI